

HIAB X-HIPRO BIG CRANES FOR BULK MANOEUVRING



A large red shipping container is suspended in the air by a crane. The crane's arm extends from the top right corner of the frame. The container is a standard intermodal container with double doors on the right side. The background shows a landscape with green hills and a cloudy sky. The text 'BIG AND STURDY CRANES FOR BIG CHALLENGES' is overlaid on the image. 'BIG AND STURDY CRANES FOR' is in black, and 'BIG CHALLENGES' is in red.

BIG AND STURDY CRANES FOR BIG CHALLENGES

Cranes in the HIAB heavy range are more than just large. Our big cranes are the strongest and toughest of our products, ready to take on the most difficult lifts. But specialisation is just as important as size. When you need to move heavy bulk fast, the HIAB big cranes in this brochure give you the muscle.



Performance defined by you

You are the one who determines your performance needs. Because your business, your working methods and your customers' needs are unique. As soon as we know the goals and challenges you face each day, we help you determine the optimal crane in terms of capacity and performance. Your crane is tailored to your business, down to the last detail.

Part of a big family

The HIAB family of big cranes is large – and growing. Whether you want extra muscle for large, bulky items or exceptional reach and precision for delicate work, we have a big crane to match.

The big cranes in this brochure are specialised for close-in work with heavy and awkward loads, giving you the very best in strength and speed.

BUILT TO PERFORM

HIAB big cranes are built to perform, with strength, speed, size and weight that are all fully optimised for your workload. You get a crane that reliably delivers, each and every time. And not only delivers, but does it smarter, faster and smoother to help you outperform the competition.

Focused lifting power

HIAB big cranes for bulk lifting are fully adapted for heavy and bulky loads that demand more power than outreach. With their purpose-built design, the cranes get more from the same steel structure, giving you up to 10% more lifting power. Added to this is the stepless capacity increase provided by Automatic Speed Control (ASC), which gives you a further 10% in one smooth, continuous motion.



Swift and certain

The fine-tuned hydraulics of our big cranes ensure smooth operation with no surprises, keeping even the most challenging loads steady. Our HIAB valve technology distributes a high flow of oil that allows rapid movements, plus load sensing and pressure compensation that further increase your speed. By taking full advantage of the state-of-the-art HiPro control system, an expert operator can get more loads moved in far less time.

Rugged reliability

Like all HIAB cranes, our big cranes are built for uninterrupted work, with high-tensile steel, high-quality parts, reliable seals and protective covers that resist weather and impact. Each undergoes a punishing series of laboratory tests and field trials that far exceed the requirements of European machinery directives and standards.





**BUILT TO
PERFORM**

IN THE DRIVER'S SEAT

HIAB big cranes put you in control and keep you focused. Key features ensure safety in all operations, with smooth, precise and trouble-free load handling. From routine heavy work to the most awkward lifts, you have everything you need to do the job right.



Putting safety first

Safety is always top priority – both for the operator and for others nearby. HIAB big cranes are packed with innovative safety features, leaving you free to focus on the job. One such feature is VSL^{PLUS}, which uses the position of the stabiliser legs and the total weight of the truck to calculate maximum safe crane capacity.

Protecting the crane

The safety of your crane is important as well. The Boom Deployment Assistant (BDA) monitors the angle and position of the boom during folding and unfolding, preventing any movements that might cause damage to the crane.

Steering performance

Comfort and control go hand in hand with safety. With their HiPro control systems, HIAB big cranes provide smooth and accurate response. All key features are fully integrated into the control system, including the auxiliary legs.

Dedicated design

Above all, HIAB big cranes are uncompromisingly adapted to their applications. When your crane is specifically designed for heavy, bulky loads, you can do your work more quickly, smartly and safely.

Naturally, your crane can be further customised to suit your specific tasks and working environment. And with HIAB operator training, you can learn to use it even more efficiently.

SUPERSIZED WITH SUPER STRENGTH

The HIAB heavy range is state-of-the-art load-handling technology packaged for performance. Our big cranes for bulk lifting boast many innovative technical features – each designed to make your crane strong, fast and safe.

HIAB HiPro keeps you in control with pinpoint precision

The best crane is only complete with the best control technology. HIAB HiPro is simply the most advanced remote control system in the industry. Operated by lever or joystick, it has a built-in intelligence system for exceptionally precise load handling.

In addition to capacity-increasing Automatic Speed Control (ASC), HIAB HiPro features Pump Flow Distribution (PFD) for super-smooth operation. By evenly distributing the oil in proportion to your control movements, PFD prevents sudden and unanticipated load accelerations.



Chain-driven stabiliser system

The 9-metre* chain-driven stabiliser span has only one extension cylinder, yet two telescopic extension beams.

This almost doubles extension speed, saving valuable time when setting up and stowing your crane. It ensures the best possible stabiliser strength and rigidity in every possible position.

*8-metre for HIAB X-HIPRO 558



VSL^{PLUS}

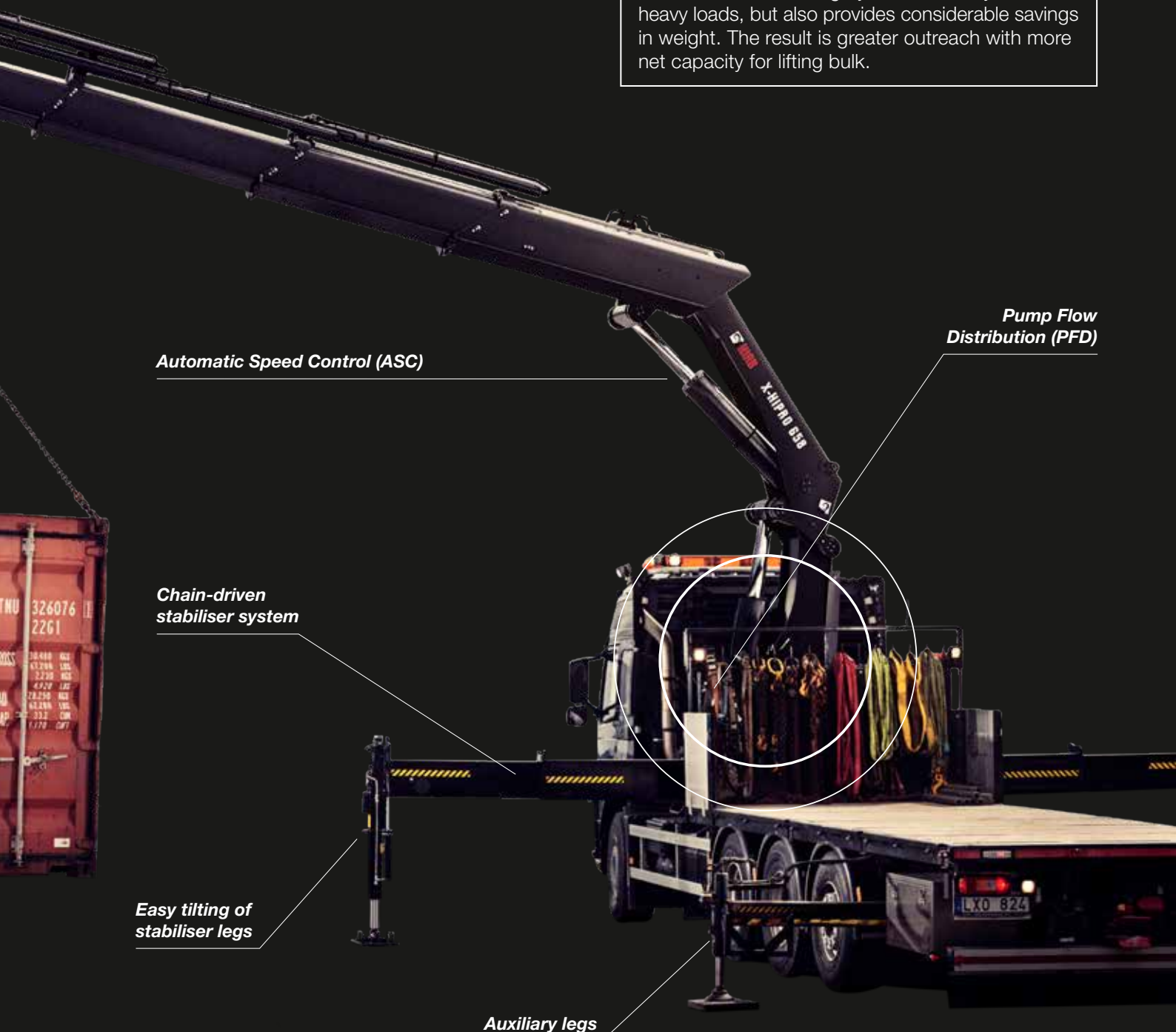
(Variable Stability Logic Plus)

VSL^{PLUS} is a safety system that maximises the crane capacity by calculating the stability according to the position of the stabiliser legs and the total weight of the truck.

VSL^{PLUS}

EP boom system

The EP boom system has longer and lighter individual extensions. Steel with ultra-high tensile strength ensures structural integrity and the ability to handle heavy loads, but also provides considerable savings in weight. The result is greater outreach with more net capacity for lifting bulk.



Automatic Speed Control (ASC)

Pump Flow Distribution (PFD)

Chain-driven stabiliser system

Easy tilting of stabiliser legs

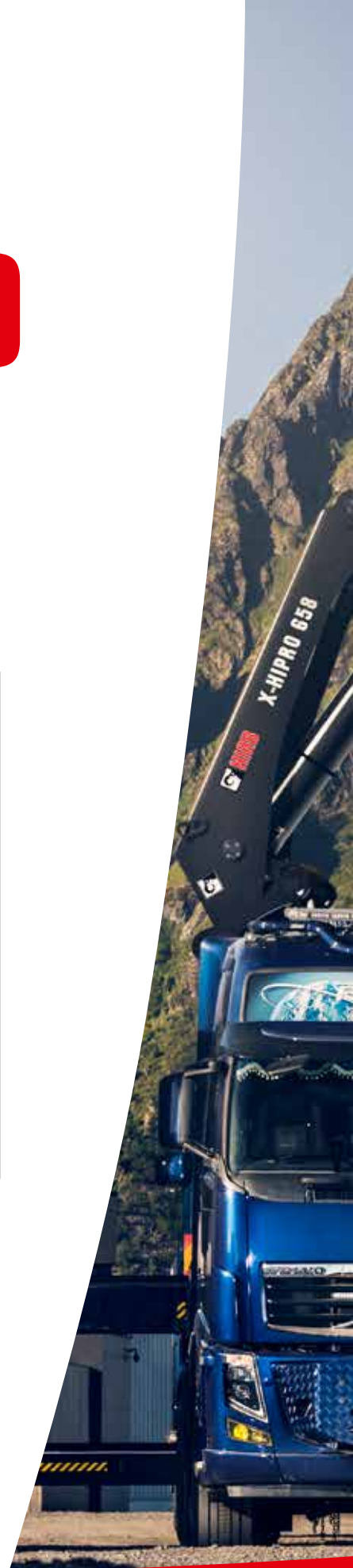
Auxiliary legs

A BIG CRANE

FOR EVERY NEED

No matter how big, heavy or bulky your load, there is a HIAB big crane to match. Our extended offering covers a full range of loading capacities, and we tailor a solution that meets your requirements in every detail. The market's best control system and a wide range of accessories are also part of the package.

Technical data	HIAB X-HIPRO 558EP-6	HIAB X-HIPRO 658EP-6	HIAB X-HIPRO 858EP-6	HIAB X-HIPRO 1058EP-6
Lifting capacity (kNm)	482	544	725	825
Outreach, hydraulic extensions (m)	16,6	17	16,4	16,4
Installation space required, rotation area not included (mm)	1380	1507	1547	1547
Height in folded position (mm)	2488	2600	2589	2589
Weight in standard version, without stabilisers (kg)	4820	5545	6662	7187
Weight, stabiliser equipment (kg)	854-961	1015-1123	1192-1319	1192-1319
Trucks where the crane model can be installed	3- or 4-axle	3- or 4-axle	4-axle	4-axle
HiPro	Yes	Yes	Yes	Yes
VSL ^{PLUS}	Optional	Optional	Optional	Optional
Bolted integrated base	-	-	Optional	Optional





ON THE BOTTOM LINE

Simply put, your choice of HIAB pays off from start to finish. Expert assistance and easy installation get you up and running fast, and you receive a crane with unmatched efficiency and reliability. Plus, we offer innovative functions designed to increase your business potential. In the end, you have a crane with the market's best residual value.

Getting and keeping you going

When you purchase a HIAB big crane, you get everything you need – from selection advice to top-notch documentation that makes life easy for your body builder. We help you protect and get the most from your investment, through a wide service network and training programmes that enhance operator skills.

More from every trip

HIAB big cranes are designed for high returns, with an excellent capacity-to-weight ratio that maximises payload. Their E-link system significantly increases capacity in high boom positions, especially when working close to the column.

Smart features, such as hydraulic tilting of the stabiliser legs for quick set-up, help to get jobs done faster. All in all, HIAB big cranes are true workhorses that bring in more by the hour.

Going farther with less

More capacity and less weight means high fuel economy. The same is true for a finely tuned hydraulic system. HIAB hydraulics are optimised to the tiniest detail. And if you combine the HIAB HiPro control system with a variable pump, you save considerable amounts of fuel. Because the oil temperature is kept low, you prolong oil life and reduce wear and tear, which saves money and reduces CO₂ emissions.

A lasting investment

All this efficiency comes without sacrificing lifetime or serviceability. HIAB cranes are durably built and easy to care for, which means they retain their worth and provide a consistently high resale value.





"I move more bulk in less time with my HIAB crane. And that means more in my pocket."

EASY TO MOUNT, EASY TO SERVICE

When you choose a HIAB big crane, you choose a crane that will stay with you over the long haul. Hiab will be with you too, providing world-class service and support. Our commitment to quality and reliability goes beyond the crane itself to include parts, services and preventive maintenance.

Thinking ahead

HIAB big cranes are optimally built for easy mounting on the truck chassis. Not only does the bolted, integrated subframe keep crane delivery and installation times to a minimum, it also ensures a perfect fit as the crane and subframe act as a single part. The whole installation, including any necessary chassis reinforcements, is designed for the lowest possible overall weight.

To make installing your crane simple and quick, we provide complete documentation including technical data, installation instructions and software for calculating axle loading and stability.

Your time is valuable

HIAB big cranes are designed for easier everyday maintenance. Key parts and components that require regular attention are located where you would expect them, and where they are easy to access. A good example is the base-mounted oil tank, which can be installed without rearranging truck components and is quicker and simpler to reach.

When more is required, our fully trained and accredited service personnel know all there is to know about your HIAB crane. Above all, they know the importance of servicing or repairing it as quickly as possible. With the absolute minimum downtime, they get your product back in business and making a profit.

From parts to people

Original spare and wear parts of the highest quality ensure that your HIAB big crane will always be a HIAB product. In other words, they give you the same functionality, performance and safety you have chosen from the start. With the largest service network in the industry, you are never far away from our skills and expertise. Like our cranes, our people work harder and go further for you.

Hiab ProCare™ for planned performance

In every way, our aim is to keep you moving so you can deliver as promised. With Hiab ProCare™*, we can take on the burden of inspections, planned maintenance, scheduling and more, giving you the best assurance to produce as planned. Simply choose the level of service agreement that makes sense for your business:

Hiab ProCare™ Inspection makes it simpler and easier to comply with inspection regulations for your crane. With the thorough yet efficient scheduled inspections, it is possible to prevent a number of unpleasant surprises and you are back on the road fast.

Hiab ProCare™ Essentials is the best addition to your new crane, including the preventive maintenance program and scheduled inspections as recommended by Hiab. Put your maintenance planning in our hands and we keep your crane operating with the original high performance to avoid unnecessary cost and downtime.



*Check the availability of service agreements with your local Hiab distributor



Sales and Service network

Hiab's global network offers extensive services that ensure the continuous, reliable and sustainable performance of our equipment. We have the most comprehensive distribution network in the industry, supporting all Hiab's customers – through more than 1500 sales and service outlets. This service network guarantees that we are always close to you, ready to give advice on applications and provide service and spare parts.

BUILT TO PERFORM

Hiab is the world's leading provider of on-road load handling equipment, intelligent services, smart and connected solutions. Hiab's class-leading load handling equipment includes HIAB, EFFER and ARGOS loader cranes, LOGLIFT and JONSERED forestry and recycling cranes, MOFFETT and PRINCETON truck mounted forklifts, MULTILIFT skiploaders and hooklifts, and tail lifts under the ZEPRO, DEL, and WALTCO brands. As the industry pioneer and with a proud 75 year history, Hiab is committed to be the preferred partner and solution provider to its customers and shape the future of intelligent load handling.

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